

1963

CATALOG OF
THE BAMBOO MAN

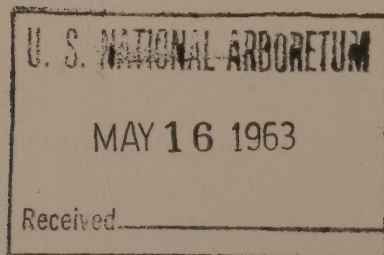


Back and front cover -- 2 year old Colin Coghlan is shown sitting in a grove of *Phyllostachys Aureosulcata*, the Yellowgrove Bamboo, planted $5\frac{1}{2}$ years ago as a single root division at our place in Upper Saddle River, New Jersey. Since planted, this grove has been cut back plenty but still measures about 30 X 12. It has withstood plenty of sub-zero weather. Picture was taken in mid-December, 1962 and the grove is evergreen as can be seen in the picture. The ultimate size of these canes will be about 40 feet high and 2 inches in diameter.

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ATTENTION

IF YOU RECEIVE MORE THAN ONE CATALOGUE OR IF YOU MOVE,
PLEASE NOTIFY US SO THAT WE MAY KEEP OUR RECORDS IN
ORDER.



OUR CATALOG CONTAINS THE FOLLOWING

BAMBOO - The most complete list in the country. Tropical types, indoor types, pygmy and ground cover varieties, and varieties proven hardy in sub-zero northern climates.

UNUSUAL TREES AND SHRUBS - A selection of landscape plants usually not found in your local nursery. Many for bonsai.

BONSAI SUPPLIES - Pots, tools, etc. for the amateur or the expert.

BOOKS - A complete selection dealing with all phases of gardening.

TUBS AND PLANTERS - Redwood, whiskey barrel, shoya and other unusual types.

MISCELLANEOUS - A selection of items such as Gregorys three-way mulch, Bright Tobacco Stem Meal, tree wound dressing, cottonseed meal, etc.

SPECIAL FREE OFFER

If your order totals more than \$10.00 or if your order totals less than \$10.00 and is postmarked prior to March 15, 1963, we will send you a copy of "Success with Plant Cuttings" a wonderful 24-page book complete with artist's sketches, telling how you can propagate your own plants from cuttings using only basic garden materials and discarded plastic grocery bags. Makes a professional out of an amateur.



THE BAMBOO MAN

BOX 331 SADDLE RIVER NEW JERSEY

Friends:

We thank you for your past business and hope that this new catalogue will meet with your approval.

Since our business has become more of a year round than seasonal one, we have decided to discontinue selling bare root plants, excepting bamboo of course, and are now selling all our unusual shrubs potted. We have raised prices accordingly in some cases, and reduced prices on other plants where possible. You may now order from us all year long and be sure of receiving live plants in good condition. Potted plants may be safely put into the ground at any time of the year.

For those who wish to visit us we ask please a 'phone call first since we are in the process of negotiating for larger facilities and may be in the process of moving if you come unannounced. Our 'phone number is DAVIS 7-2145 and our area code for dialing is 201.

Very truly yours,

James J. Coghlan
James J. Coghlan
THE BAMBOO MAN

INSTRUCTIONS WHEN ORDERING

Bamboo plants are sold as root divisions without any top foliage at all. These stand a much better chance of survival than plants shipped with top foliage. As a courtesy to our customers we ship several varieties with top foliage. These must be cared for very diligently and watered daily with care being exercised to avoid overexposure to strong winds or sun till plant establishes itself.

We guarantee all our plants to be alive and healthy when received by the purchaser. Since we have no control over after treatment this is the extent of our guarantee.

Sometimes plants shipped with top growth appear dead on arrival. This is not so. The plant is just in a dormant state and will live if cared for.

IMPORTANT—When directions are followed, your bamboo will grow. But it is important that the young bamboo plant is watered regularly the first year.

We will not be liable for any more than the original cost of the plant. Ultimate height of plants vary according to climate and soil conditions.

The following price list cancels all previous lists.

All prices are prepaid by us unless otherwise specified. When we specify F.O.B. it means "freight on board" and you will be charged freight from shipping point to your address. We usually ship via parcel post or railway express, unless you specify another carrier. We will only be responsible for charges by "cheapest way" when we ship prepaid. If you specify another carrier, we will only assume costs we would normally pay. If you specify air mail you must assume additional costs. We charge nothing for packing or handling unless your order is for less than \$5.00, and hope to be able to maintain this policy in the future. *You must however add 10% for Canada, U.S. Possessions, Europe, Central and South America. Our costs to these areas are higher and we must be at least partially reimbursed. For all other foreign countries our prices are F.O.B. Saddle River, N.J., U.S.A. Add 10% if your order is for less than \$5.00.*

All payments must be in U. S. Dollars.

AN INTRODUCTION TO BAMBOO

by James Coghlan - The Bamboo Man

Like many other things associated by us in the western world with the Orient, Bamboo has long been shrouded in mystery and with a great deal of misunderstanding. Strangely, this should not be, for among the hundreds of different types of Bamboo, many are native to the Americas.

One type, *Arundo Gigantea*, the giant cane reed, is popularized in many traditional American Folk songs. Edison used a carbonized filament of a Central American Bamboo for his earliest successful incandescent lamp. Another variety of Bamboo, *Arundo Tecta*, is native to states such as Maryland and Indiana and farther south.

Many of the poorer people in Central and South America lean heavily on the use of Bamboo for construction of homes, piping water, making of weapons and other things.

The majority of the more useful Bamboos in our country at present originally came from the Orient or Far East. In this part of the world it is a fact that a good percentage of the population would be in dire circumstances were it not for this amazing plant. Free for the cutting in many of these far away places, it is put to a multitude of uses. It is used to pipe water, to make furniture, to shingle houses, to trap animals and fish, to contain domestic livestock, to supply fuel for warmth and cooking, to supply pulp for paper and rayon making, and for many other things. And, of course, the graceful and delicate beauty of the Bamboo stalks and leaves has inspired some of the greatest names in the history of Oriental art and gardening.

There is no reason at all that certain varieties of Bamboo cannot be grown anywhere in the United States. A quick glance at any map of the world will show that the major portions of the land mass of both Japan and China, countries popularly associated with the growing of Bamboo, fall between the 30th and 45th parallels of latitude in the North Temperate Zone. This is precisely the location of the major portion of our United States. Japan and China both experience cold winters. The Kuriles, a portion of northern Japan, has temperatures that dip sometimes to 40° below zero. And we are now attempting to build up a grove of Bamboo, *Sasa Kurilensis*, that is native to this area.

Americans should grow Bamboo for many reasons. Some varieties are unexcelled for erosion control. Gardeners will admire the amazingly different growth characteristics of Bamboo, unlike those of any other popular plant. They will also find that for small ground areas Bamboo will provide a taller screen in a shorter time than any known plant, and no hurricane wind will affect this springy supple beauty.

Excepting for the most terrible of winters, most of the hardy running Bamboos are evergreen. Even cutting a mature grove to the ground will not set it back too much. The next growing period will see it rapidly climb to its old height and thickness. And in spite of these facts, Bamboo is easy to remove. An unwanted grove can be cut to the ground and the underground root system removed as if it were buried rope. Tugging without too much effort will unearth the long ranging shallow-rooted system of rhizomes in a reasonably simple operation. Non-running varieties, used more as specimens, are removed like any other shrub.

American farmers and business men might also take a good long look at Bamboo. With the depletion of our natural forests, why not some real research into Bamboo which produces more wood pulp per acre than pine. And think of possibly the day when coal and oil dwindle in supply. Why not turn to cellulose from quick-growing Bamboo? Delicious Bamboo shoots, long a delicacy, could easily become an accepted vegetable on the American table. Millions of Bamboo stakes are used in this country each year and where do we get them? Mainly from land poor Japan, thousands of miles away. These are only a few of the opportunities open now. The possibilities are endless.

Bamboo is not so rare that it is overly expensive. It's coming along mighty fast and you should try it.

DESCRIPTIVE CHARACTERISTICS

Bamboo is a member of the grass family (GRAMINAE, SUB FAMILY BAMBUSOIDAE) and the fastest growing plant known. Varieties range in size from dwarfs only a few inches high to towering forest giants. I have listed for sale only those varieties which I feel have been thoroughly field tested and which I have in good supply. Other varieties when fully field tested, will be added from time to time. We always welcome new varieties from collectors and will be happy to pay anyone who can supply us.

Some bamboos are of the clump variety with determinate nonrunning rhizomes, while others spread rapidly because of the vigorous and aggressive habits of their roots.

Bamboo is evergreen. Each spring old leaves are replaced by new leaves through the process of abscission. Heavy winds or extreme cold will cause browning of the leaves but each spring new green leaves will appear to replace the leaves which have "browned".

Bamboos generally show very little top growth the first year, and root divisions will not leap up to fantastic heights during the first year. The reason for this is that the roots must develop and store energy. As each successive year passes, the roots develop more and top growth becomes larger until maximum size is reached. A three-year season, even though not enough for full maturity, is usually enough to reward even the most skeptical of gardeners as to the ability of bamboo to prove itself. Also, the smallest canes are usually the oldest. The new shoots emerge from the ground at the maximum diameter they will ever be and literally leap upward, sometimes several feet a day, until they reach their maximum height. (Many people claim that a mature bamboo grove can be actually heard growing during the growing season.) After this, even though the cane lives for years it will never increase in size. One thing about bamboo growing fast. It won't do it the first year, and not the second year, and possibly not the third year. You see, it must first develop a root system. When roots develop, they store energy as well as feed the canes and leaves on top. Then the roots send up more canes. The canes grow to a certain height, then stop. The leaves help the roots by photosynthesizing energy from the sun, the roots also draw energy from elements in the ground. Another sprouting process starts and the entire cycle repeats itself endlessly. In tropical or warm climate varieties this

process is continuous. In cold climate varieties, although root and rhizome development continues as long as soil temperature remains about 40° or higher, top growth takes place only once or under unusual climatic fluctuations, sometimes twice a year.

The roots are all important, a grove cut to the ground can still be capable of completely replenishing itself in a few weeks time if conditions of soil, climate, moisture, and root development are right.

Bamboo is also capable of producing wheatlike seeds just like any other member of the grass family. This however is an extremely rare occurrence. Some bamboo groves have never produced a seed in living memory. Others have produced excellent seeds and then after seeds ripening, the entire grove has died completely. We use strictly vegetative propagation to reproduce plants.

Many gardeners and growers have been able to grow warm climate varieties of bamboo outdoors north of their normal temperature range. If bamboo is mulched very heavily, it is possible some of the varieties will live through colder temperatures than predicted. It is also interesting to note that newly emerging bamboo shoots are extremely sharp and penetrate heavy mulches easily.

PLANTING INSTRUCTIONS

When planting, it is best to choose a well drained location in full sunlight or partial shade. A high spot on the bank of a pond or stream is the ideal location, as long as the roots are not left permanently in water. Soil should be preferably slightly acid and of medium fertility, but the plant is not too finicky if well cared for in the beginning. The ideal fertilizers I have found are those rich in organic matter which give sustained feeding over a long period of time without burning. A manure tea, made of one part fresh manure, to three parts water, and left to "cook" for a week, is our old standby. Fresh manure applied over a compost covering is also a good fertilizer.

Planting depth should be about 6 inches excepting pygmy variety which is planted at a depth of one inch. In extremely dry locations care should be taken that either a light mulch or slightly deeper first planting is employed and that the plant receives plenty of moisture. Tall growing cold climate varieties are usually shipped as budded rhizomes. The entire rhizome should be planted horizontally beneath the soil surface with these types. On dwarf or clump varieties, only the roots should be below the soil surface.

During extremely dry periods, irrigation practices should be followed. We have found that light mulching until the first buds appear and heavy mulching afterward is ideal for bamboo. The mulch not only helps retain soil moisture but actually feeds the plant as it decomposes. In very windy locations, shielding or spraying with a suitable plastic coating will help the bamboo through the first few winters. Blankets of snow, no matter how deep, help rather than hinder the bamboo's progress.

All herbivorous animals relish both the young shoots and mature leaves of bamboo. Care should be taken that grazing animals do not retard plant growth by eating the leaves. Even though an animal may devour all the foliage off a well rooted plant it is doubtful if it could be killed completely.



Typical manner in which a running type of Bamboo sends up new shoots.

In starting a bamboo plantation or grove it is best to space the varieties under 50 feet in height at maturity about 6 feet apart each way. Those over 50 feet at maturity should be spaced about 12 feet apart each way. Each year new shoots will appear in spaces in between and eventually the entire area will be covered. For best results, weeds should be kept down. Heavy mulching of the area to be planted will help since the sharp new shoots can easily penetrate the mulch, and the problem of weeding will be solved. The mulch will also act as a fertilizer as it decays.

Canes are never mature enough for cutting for timber use until the end of their third season and should never be cut before that time if durability is desired. All cutting should be done with a sharp saw and as close to the ground as possible. Care should be taken not to injure the underground rhizomes or surrounding canes when cutting.

We have had very good success with trimming on all of the bamboos. New plants should not be trimmed under any circumstances since the process of photo-synthesis, whereby the leaves contribute to growth and development, would be seriously curtailed.

Any bamboo can be grown as a bonsai plant. If the dwarfed bamboo is to be grown along with other plants, restriction of the bamboo root system in some sort of metal container within the planting vessel (such as an old tuna fish can) will prevent the more aggressive of the bamboos from causing trouble by rootspread.



When growing bamboo as a bonsai plant, one should plant a narrow root division and when the new shoots appear, peel off the outer sheaths for as many days as experience shows is warranted. Never more than one outer sheath should be peeled off in a day. Practice will guide the bonsai fancier as to how long to peel layers of sheath.

Two of the best varieties for bonsai culture are *Bambusa Multiplex* No. 1 (No. 75 in our catalog) and *Phyllostachys Aurea* (No. 80 in our catalog), probably the better of the two.

All indoor plants should receive as much sunlight as possible or the plant may suffer leaf drop. If adequate sunlight is not available artificial light will suffice. A combination of cool white fluorescent light and ordinary incandescent light is usually adequate. Sunny window locations are generally all that is needed.

Plants may be divided after the second year by cutting a new shoot along with roots from the main plant and removing to a new location.

NOTE: We know of no insect pests that seriously attack bamboo. We have never sprayed any of our bamboos to control insect pests and only resort to artificial insect control measures to satisfy requirements of state and national boards of agriculture.

BAMBOO AS A FOOD

Health conscious people will be pleased to learn that an established bamboo grove can supply a goodly quantity of chewy fibrous fresh green food, rich in phosphorous, thiamine and niacin.

Gourmets also have long known about the tastiness of bamboo as a food. To the uninitiated, the initial impression of the taste of cooked bamboo, is that it resembles fresh field corn or hominy. In the raw state it sometimes resembles raw beans or nuts. In central China and in other parts of the Orient practically every property owner or renter grows bamboo for food.

Depending on the individuals taste preferences, it might be said that bamboo is a slightly acid tasting food, diminishing in acidity as cooking time is lengthened. There are people who actually prefer the slight "bite" in the flavor of some of the bamboos. The Yellowgrove and Golden varieties are extremely popular in the uncooked state since they are not quite so acid as other types. A Chinese friend of ours reports that a tea can be made from the fresh new leaf buds of sprouting bamboo branches, this we shall try and report on later.

The edible part of the bamboo is the young shoot or bud cut either just before or after breaking through the surface of the ground. The shoots must be cut before assuming too much growth or the prospective vegetable will turn out to be an inedible log due to the amazing growth characteristics of bamboo:

The shoot is cut as close to the underground rhizome as is practical and the fibrous end which is closest to the root should be sliced off leaving a tender shoot. The outer sheaths are then removed leaving the tender inner shoot which is the desired vegetable. When sliced in sections ranging from about $\frac{1}{4}$ inch near the base and correspondingly thicker near the top the bamboo is ready to be eaten raw or cooked. Sliced bamboo is usually cooked for about 15 minutes or slightly longer. If too tart, a water change after the first 10 minutes of cooking followed by another 10 minutes of cooking will make the vegetable less acid tasting.

When cooked, the bamboo can be used in any recipe calling for spaghetti or noodles or allowed to cool and mixed in salads. Experimentation and trial, will probably provide the user with many uses for the bamboo as a food not listed herein.

NOTE: It is best not to cut bamboo shoots for eating purposes until after the fifth year in order to insure healthier reproduction of new shoots.

HELPFUL HINTS ON BAMBOO

FERTILIZER - Bamboo grows best when nitrogen and phosphorous levels are maintained in the soil. Since Bamboo is shallow rooted, care should be taken that chemical fertilizers, if they are used, are not applied too heavily since burning could result. A good practice would be to irrigate after each application of a chemical fertilizer. Year round fertilization also is beneficial since the Bamboo root system

stores up energy for terrific growth surges. My opinion of a good all around fertilizer for Bamboo is bone meal which I use myself.

MULCH - Most any mulch, even to depths of 12 inches or more, is good for Bamboo. I would, however, wait for initial sprouting on a new planting before mulching. Heavy mulch cuts down on weeding chores, conserves moisture, and adds humus and trace elements to the soil.

IRRIGATION - New plantings of Bamboo must have adequate moisture to grow properly. The practice of irrigation varies according to soil, geographic location, and temperatures. If planted in well drained soil, Bamboo can be watered lightly even once a day without ill effect. Everyone must learn from experience but the first year of Bamboo is a crucial one. After the first year, Bamboo can generally survive with very little attention under average conditions.

WINTER PROTECTION - Hardy Bamboos go into a dormant state during cold winters. Alternate freezing and thawing plus dehydrating winter winds can affect the top growth of hardy types. Spraying with a plastic compound such as WILTPRUF will lessen the effects of winter. Wrapping a young Bamboo plant or covering with an old basket will help preserve the foliage. An established grove can naturally stand the rigors of a hard winter better than a young plant. Heavy mulch will provide a good deal of insulation for Bamboo roots and maintain soil temperature fairly constant.

BEST VARIETIES - For maximum size and greater durability, the Giant Japanese Timber Bamboo is superior for Philadelphia and points South. A good variety for colder areas is Phyllo-

stachys Aurea, a lower growing variety but extremely cold hardy and producing possibly the hardest of all Bamboo woods. For areas where the temperature does not go below 28°, I think that the Calcutta Bamboo, Dendrocalamus Strictus, is an exceptional timber type although of the clump variety. Yellowgrove, Phyllostachys Aureosulcata, is an excellent all around Bamboo, supplying a great quantity of stakes of medium quality and standing many extremes of temperature. Sasa Palmata, the Palmate Bamboo is a great erosion control but does not do too well in the extreme south because of longer winter days. For situations in cold areas where too much spreading cannot be tolerated, Narihira and Golden Bamboo are the best. Phyllostachys Nigra Henonis is a fairly hardy tall variety with very hard thin walled canes that is fine for timber use. The Black Bamboo, surprisingly very cold hardy, is possibly the king of exotic Bamboos, its wood although thin walled is exceedingly strong. As for the ground covers, most of them are hardy and prolific with the Variegated Ground Cover seeming to be the most hardy and the Pygmy Type the most dainty. Once a year mowing or cutting back seems to encourage growth of ground cover varieties if soil is fairly fertile.

SOIL - Probably the most important factor of all. Should be slightly on the acid side and with enough tilth to encourage root spread. If too hard, the cheapest conditioner is plain coarse sand turned under with the soil in the planting area. Addition of hardwood sawdust or peatmoss will encourage acidity in sweet soils. Well rotted manure turned under conditions the soil and adds to fertility. Your Bamboo will experience better growth and rate of survival if you see to it that you have a pliable, well-drained soil, with a good level of fertility.

BAMBOO SHIPPED ALL YEAR LONG.

PLEASE ORDER BY NUMBER

VARIETIES SOLD BY ROOT DIVISIONS

Item No. 75 – BAMBUSA MULTIPLEX No. 1 – *B. Disticha*. Fernleaf clump type. Reaches about 10 feet in height. Numerous tiny green leaves, silvery underneath, about $\frac{3}{4}$ to $1\frac{1}{2}$ inches long, densely packed. Excellent for screening or hedge purposes in the South or as a tub plant in the North. Stands temperatures down to 16° with little injury. A beautiful, delicate appearing plant.

Root divisions \$2.00 each – Two for \$3.75

Item No. 75A – Specimen plant with foliage. 4 to $4\frac{1}{2}$ feet high.

6 to 12 canes – \$7.50 each

Item No. 76 – BAMBUSA MULTIPLEX No. 2 – *B. Argentea*. Compact clump bamboo. Slightly more cold resistant than No. 1. Foliage broader than No. 1. Reaches heights of about 15 to 25 feet. Good for screening purposes in the South or tub planting indoors. Should not be allowed to be exposed to less than 15°. Vigorous grower.

Root divisions \$3.00 each – Two for \$5.00

Item No. 76A – Specimen plant with foliage. 4 to $4\frac{1}{2}$ feet high.

6 to 12 canes – \$7.50 each

Item No. 77 – BAMBUSA MULTIPLEX No. 3 – *B. Argentea Striata*. Variegated silver-stripe clump bamboo. Similar to No. 76 except that canes are green, striped with yellow near the base and small leaves are variegated with whitish stripes. A beautiful specimen plant.

Root divisions \$4.00 each – Two for \$7.00

Item No. 77A – Specimen plant with foliage. 4 to $4\frac{1}{2}$ feet high.

6 to 12 canes – \$10.00 each

Item No. 78 – BAMBUSA MULTIPLEX No. 4 – *B. Verticillata* or Golden Striped Bamboo. Very handsome tall growing clump type that will reach 30 feet. Has striking green canes striped with golden yellow to pink yellow. Hardy to about 16°. Grows well in tubs or outdoors in the South. Vigorous grower, very stately and striking in appearance.

Root divisions \$4.00 each – Two for \$7.00

Item No. 78A – Specimen plant with foliage. 4 to $4\frac{1}{2}$ feet high.

6 to 12 canes – \$9.00 each

Item No. 79 – YELLOWGROVE – *Phyllostachys Aureosulcata*. This is one of the finest of the bamboos for hardiness and beauty. Reaches heights of about 33 feet and is very hardy below zero. A temperature of 23° below zero and plenty of other sub zero weather didn't faze my plants a bit. Young shoots are entirely without bite and are sometimes even eaten raw. Wood is hard and tough. An ideal plant to supply supplementary forage for livestock when mature. Everyone should have a planting of this variety since it will provide an endless supply of tough supple garden stakes and canes as well as plenty of tasty shoots.

Root divisions \$3.00 each – Two for \$5.00

Item No. 80 – GOLDEN – *Phyllostachys Aurea*. Sometimes called fishpole bamboo. The finest hardy variety for a small lot or restricted planting. Also the best for growing as a bonsai plant. Similar to Yellowgrove. Survives to at least 23° below zero. Reaches heights of slightly less than 30 feet. Wood when mature and thoroughly cured is especially hard and bonelike and is very popular commercially. Shoots are sometimes eaten raw. Also a prolific source of stakes, markers, and trellis material. Canes are extremely straight.

Root divisions \$3.00 each – Two for \$5.00

Item No. 81 – GIANT JAPANESE TIMBER – *Phyllostachys Bambusoides* or *Madake*. Reaches heights of 80 feet and diameters of 6 inches under proper conditions when mature. One of the most promising of all bamboos. Relatively straight growth habit, very hard wood, very prolific in production of edible shoots. Slightly acid in the raw state. Minimum temperature tolerance at least 8° below zero. Late sprouter.

Root divisions \$4.00 each – Two for \$7.50

Item No. 82 – HA-CHIKU – *Phyllostachys Nigra Henonis*. Graceful giant hardy bamboo of the running type. Called by some naturalists the loveliest of the bamboos. A hardy, aromatic variety that reaches 50 feet in height and 3½ inches in diameter. Wood is thin but very tough. This is a first cousin to Black Bamboo, only much taller and hardier. Shoots are acid but very fragrant when cooked. A rare, tough variety, hardy to at least 10° below zero.

Root divisions \$4.00 each – Two for \$7.50

Item No. 83 – HEDGE BAMBOO – *SASA KUMASACA* – Dwarf and extremely hardy bamboo for specimen planting. Small pointed leaves, reaches 2–3 feet in height. A must for Japanese gardens or for dense ground cover.

Root divisions \$4.00 each – Two for \$7.50

Item No. 84 – PYGMY BAMBOO – *SASA PYGMAEA* – Extremely hardy fast spreading ground cover. Can be mowed or left alone. Grows well in sun or shade. Reaches about 10 inches in height. Destined soon to be one of the most popular of all ground covers. Supply limited.

Root divisions \$2.00 each – Three for \$5.00

Item No. 85 – BROAD LEAF GROUND COVER – *SASA TESSELLATA* – Rare low growing very hardy Chinese variety. Reaches heights of about 3 feet with wide leaves about 2 feet long. Hard to get started but a lovely exotic once established. Supply limited.

Root divisions \$4.50 each – Two for \$8.00

Item No. 86 – NARIHIRA – *Semiarundinaria Fastuosa* – A native Japanese tree type bamboo. Very stately and very easy to control. Strictly an ornamental since the wood isn't too strong, but a real beauty. Called palm tree type because lowest branches are relatively high off ground. Shoots tasty. Reaches 25 feet in height. Tops hardy to about 4° below zero. Roots hardy much lower.

Root divisions \$4.00 each – Two for \$7.50

Item No. 87 – METAKE also known as Arrow Bamboo – *Pseudosasa Japonica* and *Arundinaria Japonica*. A hardy sub zero type of bamboo with handsome large foliage. Spreads like mad supplying tasty shoots for eating, a quick screen, or many canes for garden or farm. Reaches about 15 feet in height. A wonderful erosion control and ideal for steep banks or game preserves. Especially

All items on this page shipped prepaid.

in the South it spreads amazingly fast so we don't recommend it for small gardens unless control measures are taken either by metal or masonry enclosures or constant root pruning. To control it in a small area we recommend sinking an old oil drum in ground with bottom punctured and planting clump inside the drum. Many people prefer to grow this variety in tubs above any other type.

Healthy 4½ foot high clumps of about 6 to 10 canes.

\$7.50 per clump – Two clumps for \$13.00

Five clumps for \$25.00—Twenty-five clumps for \$100.00

Item No. 92 – BLACK BAMBOO—*Phyllostachys Nigra*. Mature canes are actually black while leaves are a jade green. Wood is especially thin and hard. Survived last winter with only top injury when our temperature dropped to about 23° below. Mature height is over 30 feet and roots do not spread too rapidly. Our supply is good at present but we will stop taking orders when our grove has been depleted to a certain point.

Root divisions \$4.75 each – Two for \$9.00

Item No. 93 – CALCUTTA BAMBOO—*Dendrocalamus Strictus*. Also called "male bamboo" or "stony bamboo" because of the hardness of its canes. Grows to 60 feet or more in our extreme South and to 100 feet in Asia. Very tender, suffers damage in temperatures below 27°. A clump type and very prolific when established.

Started plants in 3½ inch pots – \$15.00 each

Item No. 94 – BUDDHA'S BELLY BAMBOO—*Bambusa Ventricosa*. A very unusual clump type bamboo. When grown outside it is a semi-giant growing over 50 feet. When grown in pots or tubs indoors, or outdoors in a fairly sterile soil under lots of sunlight and artificial light, the intermodes tend to swell and shorten into the characteristic "buddha's belly" shape. (We do not guarantee this phenomenon) Hardy to about 15° above zero.

Started plants in 3½ inch pots – \$15.00

Item No. 95 – PALMATE BAMBOO—*Sasa Palmata*. Very handsome, very hardy with large leaves. Does not thrive too well in long southern summers but grows aggressively well in northern climates. Reaches about 7 feet in height and forms a dense carpet. Not good for a small garden unless control measures are taken. Hardiness at least 0° but we're not sure yet of lower temperatures.

Root divisions \$4.50 each – Two for \$8.50

Item No. 96 – VARIEGATED GROUND COVER BAMBOO—*Arundinaria viridi-striata* or *Pleiblastus viridi-striatus*. Very hardy ground cover that grows to about 2½ feet in height. Yellow and green striped leaves that sometimes curl in hot summer sun. Not as good a grower in the deep south as it is in the north. Hardy to at least 23° below zero. Can be mowed.

Root divisions \$4.50 each – Two for \$8.50

Item No. 97 – HARDY BAMBOO—*Sinarundinaria murielae*. A new variety from Europe by way of Japan. Said to be semi-hardy, clump type. Reaches 12 feet. Very little known about it as yet.

Started plants in 3½ inch pots – \$10.00 each

All items on this page shipped prepaid.

WATCH FOR NEW VARIETIES – NEXT YEAR

NEW BAMBOO ADDITIONS TO OUR LIST

No. 230 - BAMBUSA MULTIPLEX UPPER SADDLE RIVER - Outstanding outdoor garden bamboo. Also thrives year round indoors. Of the non-running clump variety, it reaches 15 feet or more outdoors, has graceful yellow-green stalks and Kelly-green pointed leaves. Takes New Jersey winters well. Gift-boxed and shipped green and growing all year long in a one quart plastic pot. SENT PREPAID - \$5.95.

No. 400 - CHINESE GODDESS BAMBOO - Bambusa Multiplex Riveorum - Small, solid-stemmed bamboo, very similar to No. 75 Bambusa Disticha. Dainty, easy to grow indoors. Live plants in one quart pots, alive and growing, \$6.00 each.

No. 401 - BEECHEY BAMBOO - Sinocalamus Beecheyanus - Giant semi-hardy bamboo of the clump type adapted to southern states such as Florida. Reaches 40 feet in height and 4 inches in diameter. Very good for source of edible bamboo shoots. Hardy to about 20°. In one quart pots, \$10.00 each prepaid.

No. 402 - OLDHAM BAMBOO - Sinocalamus Oldhami or Dendrocalimus Latifolius - Outstanding ornamental clump type bamboo reaching at least 55 feet in height and 3 inches in diameter. Not hardy below 20° as far as is known but vigorous in Florida and Southern California. In one quart plastic pots, \$10.00 each prepaid.

ORIENTAL & UNUSUAL SHRUBS

ORIENTAL YEWS

Highly immune to insect pests and tolerant of most garden soils. Easy to grow, hardy even in northern New England.

No. 1 – CUSPIDATA – Spreading yew with rich dark green needles. Red berries in fall. Ideal for hedge and foundation plantings. Grows in sun and shade.

In 3 inch pots \$1.00 each.

No. 2 – HICKSI – Upright form, fast growing with bright red fall and winter berries. Takes shearing well, distinct columnar effect.

In 3 inch pots \$1.00 each.

No. 4 – CUSPIDATA CAPITATA – upright, for hedge or specimen.

In 3 inch pot \$1.50 each.

No. 5 – NANA – Dwarf, twice as broad as it is high. Very dark green foliage.

In 3 inch pot \$1.50 each

No. 9 – VERMEULEN – Quick shaping, dense columnar yew with sturdy multiple leaders

In 3 inch pot \$1.00 each.

ORIENTAL HOLLIES

Easy to grow and versatile. Used for foundation plantings, hedges, and specimens. Very popular when potted.

No. 11 – CONVEXA – Low growing many branched Japanese holly. Has glossy boxwood-like leaves.

In 3 inch pots \$1.25 each.

No. 12 – CRENATA – Very popular, vigorous Japanese holly, forming upright pyramidal plant. Black fruit, lustrous foliage.

In 3 inch pots 75¢ each.

No. 13 – ROTUNDIFOLIA – Easy to shear Japanese holly with large nicely shaped rounded dark green leaves. Very rapid grower and ideal for hedging.

In 3 inch pots \$1.00 each

No. 14 – CRENATA-GLASS – Unusual holly with upright twiggy growth. Very hardy.

In 3 inch pots \$1.60 each.

No. 16 – MICROPHYLLA – Very small leafed Japanese holly with numerous well-leafed branches. Black fruit – excellent for dwarf accent.

In 3 inch pots \$1.00 each.

No. 17 – BURFORDI – Chinese holly with thick leathery leaves. One of the most lustrous of all hollies. All plants produce numerous large red berries. A real luxury plant.

In 3 inch pots \$1.00 each.

All items on this page shipped prepaid.

JAPANESE MAPLES

No. 18 – PALMATUM—Small tree to about 25 feet. Reddish brown leaves, deeply parted. Nice form.

In 3 inch pots 75¢ each.

No. 19 – BLOODGOOD—Darkest red of all Japanese Maples. Color lasts through summer.

In 3 inch pots \$2.00 each.

No. 20 – DISSECTUM – Feathery green leafed variety. Grafted to last years stock. A collectors item.

No. 20A – 10 to 15 inch grafts \$4.00 each – Two for \$7.50

ORIENTAL HOLLIES

Easy to grow and versatile. Used for foundation plantings, hedges, and specimens. Very popular when potted.

No. 11 – CONVEXA – Low growing many branched Japanese holly. Has glossy boxwood-like leaves.

In 3 inch pots \$1.50 each.

No. 36 – FULL MOON MAPLE—Compact, full tree, hardly known in this country. One of the rare ones.

In 3 inch pots \$1.50 each.

ORIENTAL CYPRESSES

No. 22 – CRIPPS GOLDEN CYPRESS—Unusual golden yellow foliage on fan-like branches. Compact and a slow grower. Reaches 12 feet.

In 3 inch pots \$1.25 each.

No. 23 – HINOKI CYPRESS—Slender and compact with dark green foliage. Very popular for potting and specimens. Regular and dwarf varieties.

In 3 inch pots \$1.50 each.

No. 23B – Dwarf Compact Variety

In 3 inch pots \$2.00 each.

No. 24 – BLUE-GREY MOSS CYPRESS—Beautiful to the sight or touch. Lovely light blue-grey new growth changing to blue-green just before winter sets in. Pyramidal and very hardy.

In 3 inch pots \$1.75 each.

JAPANESE PINES

No. 25 – JAPANESE RED PINE—Rapid growing and quick maturing pine that tolerates most any type soil.

In 3 inch pots \$1.00 each.

No. 26 – JAPANESE BLACK PINE—Thrives in even sandy seashore soil. Has dark needles and is very picturesque when old.

In 3 inch pots \$1.00 each.

JAPANESE FLOWERING CHERRIES

We are very short of these since the run on them last year. Supply may not last, so order early.

No. 27 – KWANZAN – Double pink flowers, maximum height 20 feet. One of two famous Washington, D.C., varieties.

In 3½ inch pots \$1.50 each.

OTHER DISTINCTIVE TREES AND SHRUBS FROM THE ORIENT

No. 29 – JAPANESE DOGWOOD – Beautiful small tree. Creamy white flowers open in June followed by clusters of red berries in the fall. Birds relish the berries.

In 3½ inch pots \$1.50 each.

No. 30 – JAPANESE CRYPTOMERIA – A columnar evergreen very prized for unusual distinctive foliage, a famous timber tree and cousin of the Sequoia.

In 3 inch pots \$.75 each

No. 30B – Compact Variety in 3 inch pot \$1.75 each

No. 32 – PAGODA TREE OR SCHOLAR TREE – Famous in China for over 2,000 years. Naturalized in Japan for hundreds of years. Panicles of creamy white flowers, striking green bark, excellent form.

In 3½ inch pots \$1.00 each

No. 33 – JAPANESE SNOWBALL – A lovely member of the viburnum family. Flat clusters of pure white flowers followed by red to black berries. Foliage turns crimson in the fall. Grows well in sun or shade.

In 3 inch pots \$1.00 each.

No. 34 – JAPANESE WISTERIA – Exceptionally long clusters of white flowers hanging from main vine. Can be used as a vine, shrub, or dwarf potted plant.

In 3½ inch pots \$1.50 each.

OTHER TREES AND SHRUBS

No. 35 – FRANKLINIA – The famous lost tree of Alatomaha. A magnificent flowering native of the U.S. once thought lost forever. Our plants are descended from a tree collected in 1777 and saved in a Philadelphia garden.

In 3½ inch pots \$3.00 each – Two for \$5.50.

No. 36 – HANKOW CORKSCREW TREE – From the Hupeh province of Central China. Will survive even in Alaska. Screwy trunk and branches.

In 3 inch peat pots \$2.00 each – Two for \$3.50.

No. 37 – ATLAS BLUE CEDAR (grown from imported seed) – Native of the Atlas Mountains, selected from blue-green parent trees. A true cedar and very hardy.

In 3 inch plastic pots \$3.50 each – Two for \$6.00

No. 38 – ATLAS BLUE CEDAR (grafted) – Top growth selected for its brilliant blue coloring and grafted to hardy understock. **In 2½ inch pots \$5.00 each – Two for \$9.00.**

No. 39 – DEODAR CEDAR – Native of Himalayas. Another true cedar, silver grey-green foliage, very graceful. In 3½ inch pots \$2.50 each – Two for \$4.50.

No. 40 – CEDAR OF LEBANON – A true cedar, once the principal lumber source of King Solomon. Long dark green needles, good form.

In 3 inch pots \$2.50 each – Two for \$4.50.

No. 41 – NANDINA – Hardy shrub, grows to 7 feet. Dark green foliage turns red with frost, has red berries.

In 3 inch pots \$1.00 each.

No. 42 – GREEN AUCUBA – Japanese laurel. Loves shade and acid soil. Broad-leaved and evergreen, hardy in sheltered northern areas. In 3½ inch pots \$2.00 each – Two for \$3.50.

No. 43 – VARIEGATED AUCUBA – Gold dust plant. Gold speckled variety of Japanese laurel. In 3½ inch pots \$2.25 each – Two for \$4.00.

#241-Dwarf Green Aucuba-Hardest....2½ in. pot \$2.00

No. 44 – SILVERTIP ANDROMEDA – Very hardy. An old oriental favorite having silver white edging to dark green leaves, panicles of creamy white flowers.

In 3 inch pots \$1.65 each – Two for \$3.00 . Four for \$5.00.

No. 45 – SCARLET O'HARA ANDROMEDA – This variety has brilliant red new growth. Its new, very scarce, and striking.

In 3 inch pots \$1.65 each – Two for \$3.00 Four for \$5.00.

No. 46 – HARDY HIBISCUS or MALLOW – Plant Patent No. 835, Annie J. Hemming. The plant everyone has waited for. Large flame red flowers 6 to 7 inches across with overlapping flat-lying petals. Be the first to enjoy it in your neighborhood. Root-hardy below zero, sprouts without fail. In 3½ inch pots \$3.50 each – Two for \$6.00.

No. 47 – DAWN REDWOOD – Thought extinct but discovered growing in Central China. A real living fossil. Deciduous, losing its foliage each fall. Very striking. Plants 18 to 24 inches high with root ball in polyethylene packing. \$6.00 each,

No. 48 – PYGMY CYPRESS – Smallest conifer I have. Compact, gray, globular.

In 3 inch pots \$1.50 each - Two for \$2.75

No. 49 – DWARF IRISH JUNIPER – Small upright type Juniper, ideal for rock gardens.

In 3 inch pots \$1.00 each – Two for \$1.75

No. 52 – CORALIFORMUS CYPRESS – Also known as twisted cypress. Semi-dwarf, dark green irregular pyramid. Twisted foliage. An excellent bonsai subject.

In 3 inch pots 4 to 6 inches \$1.50 each – Two for \$2.75

No. 53 – OSMANTHUS ILICIFOLIUS PURPUREA – Hardy evergreen shrub with toothed holly-like leaves having purplish cast.
\$1.50 each.

In 3 inch pots \$1.50 each.

No. 54 – OSMANTHUS ILICIFOLIUS ARGENTA-MARGINATA – Variegated variety of the above.

In 3 inch pots \$1.25 each.

No. 55 – OSMANTHUS DELAVAYI – A cutie if there ever was one. Evergreen with rounded finely toothed leaves. Dainty and unusual – hardy.

In 3 inch pots \$1.25 each.

No. 56 – BLUE HAVEN JUNIPER – Very blue strain of Juniper, none ever as blue.

In 3½ inch pots \$2.00 each.

No. 57 – CARISSA – Natal plum shrub. Grows edible red fruit early after pretty white flowers. Outdoors for the south or indoors in the north. In 2¼ inch pots \$1.50 each – Two for \$2.75.

No. 58 – HARDY PINK MIMOSA – Now gaining in popularity. Once you've seen it you'll want it. Exotic branches and foliage followed by gorgeous flowers. Grows well in sub-zero New Jersey winters.

In 3½ inch pots \$1.75 each.

No. 59 – HARRY LAUDER'S WALKING STICK – Here it is, only a few of these so order early. The outstanding specimen plant of last years international flower show. Botanically known as *Corylus avellana contorta*. Shaped like a bowl of spaghetti. One year grafts \$5.00 each.

No. 60 – DAVIDIA INVOLUCRATA – The dove tree. Another rare one. Look it up in your garden encyclopedia. Said to be the rarest and most beautiful of trees. In 4 inch pots \$10.00 each.

No. 63 – UMBRELLA PINE – Really not a pine but actually *Sciadopitys Verticillata*. An umbrella shaped Japanese evergreen, very slow growing. Long needles and cones. Another collectors item. Small 3 year old plants \$1.00 each. Prized for bonsai work.

No. 64 – BALD CYPRESS – Grows with long leggy roots in southern swamps but when grown on normal soil it is magnificent. Deciduous with feathery bright green needles.

In one quart pots \$2.50 each.

No. 65 – JAPANESE ZELKOVA – Prized bonsai tree. Actually a blight-free elm, slightly smaller than our native American elm.

In 3 inch pots \$2.00 each.

No. 66 – SILVER DOLLAR EUCALYPTUS – Small silver leaved tree valued for its amazing foliage by florists. Produces white flowers and grows fast. Hardy in South Jersey, maybe further North in sheltered areas. Try one, they're unusually nice.

In 3 inch pots \$2.00 each – Two for \$3.75.

No. 69 – GOLDEN NORWAY SPRUCE – Foliage golden all year. Fast grower in the North.

In 3½ inch pots \$2.50 each

All items on this page shipped prepaid.

No. 70 – DWARF ALBERTA SPRUCE – Takes a long time to grow and never gets over 8 feet around here but it's one of the real beauties. Densest spruce I know of, pleasingly soft in appearance. No cold bothers it but won't do well in the South.

In 3 inch pots \$2.00 each

No. 71 – BRISTLECONE PINE – Older than even the Sequoia. Called the Incredible Conifer. Heavy twisted, contorted, loves adversity, takes drought well. Grows slow but beautifully.

In 3½ inch pots \$2.50 each.

No. 73 – GIANT REDWOOD – *SEQUOIA GIGANTEA*. THIS IS THE FABLED TREE THAT CARS DRIVE UNDER IN CALIFORNIA. WILL GROW ANYWHERE IN THE U.S. IF GIVEN PROTECTION TILL WELL ESTABLISHED. YOUNG PLANTS MUST HAVE SEMI-SHADE AND ADEQUATE MOISTURE. ORDER AS MANY AS YOU WANT WHILE WE HAVE THEM. 1 TO 3 INCH SEEDLINGS 75¢ EACH.

No. 98 – FLETCHERS CYPRESS – Blue colored narrow cypress. Plume-like foliage, ideal for small grounds or where space must be conserved.

In 3½ inch pots \$2.50 each.

No. 99 – WASHINGTON HAWTHORN – Unusually nice tree with fine small leaves, grey bark, and red berries that stay on all winter. Grows rapidly and well in Jersey.

In 3½ inch pots \$1.50 each.

No. 100 – JAPANESE LARCH – *Deciduous Conifer*. Grows tall and straight with dainty needles that turn yellow in fall before falling. Very hardy.

In 3½ inch pots \$1.75 each.

No. 101 – LIMBER PINE – Dwarfish compact pine. Slow grower. Good for foundation planting.

In 3½ inch pots \$2.50 each.

No. 102 – CALAMONDIN ORANGE – Dwarf orange with small acid red fruit. Bears edible fruit very early.

In 2½ inch pots \$1.25 each.

No. 103 – MEYER LEMON – Best of the lemons for indoor specimens. Bears fruit early.

In 2½ inch pots \$1.25 each.

No. 105 – PINK PAMPAS GRASS – Tall reed-like grass with decorative feathery tufts having a pinkish cast. Good accent plant.

Root divisions \$2.00 each.

No. 106 – WHITE PAMPAS GRASS – Tall reed-like grass with decorative feathery tufts more on the white side. Good accent plant.

Root divisions \$2.00 each.

SOME PLANTS RECENTLY ADDED TO OUR LIST

No. 240 - ALEPPO PINE - Takes dry windy locations and the sea-shore well. Has soft gray green needles and an open growth habit. In 3 inch square pots - \$2.00 each.

No. 271 - HOLLY OAK - Slow grower, hardy to zone 7. An oak with leaves like a toothed holly. In 3½ inch pots - \$2.00 each.

No. 272 - CHINESE PERNYI HOLLY - It's different all right. Should be a perfect plant for Bonsai fans. Very small toothed leaves and red berries close to stem. Takes shearing well. Very hardy outdoors. In 3 inch pots - \$1.00 each.

No. 274 - HINODEGERI AZALEA - One of the hardest and most beautiful. Red to purple flowers. In 3 inch pots - \$1.00 each.

No. 245 - ALBERTA WHITE SPRUCE - Fast growing specimen tree of the north. Ready to take its place in your landscape. Healthy plants in 3½ inch pots. \$1.00 each.

No. 261 - GINKO BILOBA - The famous maiden-hair tree. Grown outside of oriental temples for centuries. Stands all kinds of conditions - In 3 inch pots - \$2.00 each. Mixed sexes.

No. 262 - AUTUMN GOLD GINKO - Outstanding male variety. Glistens pure gold with autumn frost. In 3 inch pots \$3.50 each.

No. 265 - TEA VIBURNUM - Stunning heavy green leaves, aromatic pinkish white flowers of high fragrance. And in autumn, clusters of bright red berries. One of the best. In 3 inch pots - \$2.00 each.

No. 266 - DRAGON PINE - Unusual hybrid Japanese pine graft with yellow and green tiger stripes and irregular habit of growth. Very very rare. In $3\frac{1}{2}$ inch pots - \$5.50 each.

No. 267 - BLUE JAPANESE 5 NEEDLED PINE - Another unusual tree. Short blue needles grafted onto Japanese red pine understock. A bonsai collector's item. Good for unusual lawn effect. In $3\frac{1}{2}$ inch pots - \$4.50 each.

No. 268 - EVERBLOOMING GARDENIA - Free flowering, compact, evergreen, aromatic white flowers. A wonderful house plant. In $2\frac{1}{4}$ inch pots - \$1.50 each.

No. 269 - DOUBLE WHITE FLOWERING POMEGRANATE - Upright shrub with magnificent flowers of cream white, glossy narrow foliage. Hardy outdoors to about Philadelphia and maybe Long Island. In $2\frac{1}{4}$ inch pots - \$2.75 each.

No. 270 - DWARF POMEGRANATE - Another beauty hardy north to Philadelphia. Lovely orange flowers followed by miniature pomegranates in the Fall. A fabulous bonsai plant. In $2\frac{1}{4}$ inch pots - \$2.75 each.

No. 271 - HARDY ORANGE-BERRIED FIRETHORN - Hardy free berrying selected strain of Pyrocantha. Stands any American climate. In $2\frac{1}{4}$ inch pots - \$1.50 each.

No. 273 - HARDY RAPHIOLEPIS - A beautiful plant, originally from India. This strain hardy in New York State and really different. Grows in sun or shade with lustrous leathery evergreen leaves and clusters of fragrant white flowers. In $2\frac{1}{4}$ inch pots - \$3.50 each.

No. 274 - EVERGREEN ELM - Small weeping type tree, hardy in South Jersey, deep green toothed leaves. In $2\frac{1}{2}$ inch pots - \$3.00 each.

No. 275 - INCENSE CEDAR - Very tender pyramidal California native. May not take cold winters. Good and different for bonsai. In $2\frac{1}{4}$ inch pots - \$1.50 each.

No. 276 - HARDY BOTTLE BRUSH SHRUB - A real honey of an unusual hardy evergreen. Red tinted evergreen foliage and several showings of bright red brush shaped blossoms. In $2\frac{1}{4}$ inch pots - \$1.75 each.

No. 277 - EVERGREEN PINK DAPHNE - The plant lovers delight. For rock gardens or border accent. Tiny elongated evergreen leaves plus loads of pink aromatic flowers. Buy one and you'll send for more. In 2 inch pots - \$1.25 each.

No. 278 - ROYAL STAR MAGNOLIA - This is for those who've had trouble with frost bite ruining flowers. Of the water-lily type with clusters of creamy petals, it flowers very late for a magnolia. Compact graceful form. In 3 inch pots - \$2.75 each.

No. 279 - AMERICAN REDBUD - Gorgeous native tree, loaded in early spring with the most amazing pink blossoms. Very hardy - showy rounded shape. In 3 inch pots - \$1.00 each.

No. 280 - CHINESE REDBUD - Dwarf redbud with similar characteristics to our native variety. Very hardy. In 3 inch pots - \$1.00 each.

No. 281 - PEPPERIDGE TREE - Also known as Black Tupelo. It's so beautiful even without leaves and has such gorgeous fall color that I had to put it in the catalog. Very insect resistant. In 3 inch pots - 75¢ each.

No. 282 - SWEET SCENTED SHRUB - Very fragrant glossy leaved shrub. Cocoa colored sweet smelling flowers. In 3 inch pots - \$1.30 each.

No. 283 - KUMASACA CAMELLIA - Only one that stands my winters here and I've tried plenty of them. Glossy green leaves, pinkish flowers. In 3 inch pots - \$1.65 each.

No. 284 - NORFOLK ISLAND OR SOUTH SEA ISLAND PINE - Good house plant. Symmetrical short needled tree, fast growing and emerald green. Not cold hardy. In 3 inch pots - \$2.00 each.

No. 285 - SMOKE TREE - Interesting small tree that my visitors fall in love with. Red to purple smoky blooms. Tolerates punishment or pampering. Very showy. In 3 inch pots - \$1.00 each.

No. 286 - EUROPEAN MOUNTAIN ASH - Tidy medium sized tree with white blossoms followed by striking fall clusters of orange berries. In 3 inch pots - \$1.25 each.

No. 287 - NIGHT BLOOMING JASMINE - An easy house plant to grow. Will not stand frost but grows well in warm sections of the U. S. Large lush leaves and the most exoticly fragrant blossoms ever. Flowers several times a year. In 3 inch pots - \$1.75 each.

No. 288 - DWARF CHINESE BANANA - Beautiful lush foliage, clusters of edible fruit. Can be kept in a tub indoors in the north. In 1 quart containers, alive and growing - \$6.00 each.

The Rare, All New Rainbow Colored Leucothoe

An extremely rare and practically impossible to find Evergreen (or we should say ever-rainbow) shrub with fragrant lily-of-the-valley type spring flowers. It still holds colorful leaves even at 25 below zero and actually has every color of the rainbow in its leaves.

Use as a specimen, hedge of rainbows, or foundation plant. Grows fast. No outdoor shrubs will ever match this beautiful array of colors.

4 to 6 inch transplants

\$1.50 each

2 for \$2.75

5 for \$5.50

10 for \$10.00

25 for \$25.00

Crystalite INDOOR GREENHOUSE



2-FT. LONG, 2-FT. HIGH, 18-IN. WIDE

Complete fold-down greenhouse with wick-fed watering and 2 pint reservoir	\$14.95 ea.
Fluorescent Light Assembly, single tube	8.95 ea.
Fluorescent Light Assembly, double tube	12.95 ea.
Automatic Daily Repeat Timer	9.95 ea.

SHIPPING WT.

9 lbs.
6 lbs.
8 lbs.
2 lbs.

BOOK SECTION

ALL BOOKS SHIPPED PREPAID

#119 - THE DRIFTWOOD BOOK by Mary Thompson and L. Skvirsky. Learn how to create exotic and beautiful arrangements with one of nature's loveliest materials. Exquisitely illustrated with 128 photographs made by one of America's foremost floral photographers, Leonid Skvirsky. 216 pages illustrated - \$5.95.

#120 - ANYONE CAN GROW ROSES by Cynthia Westcott (New Third Edition). Since the first edition was published this book has become a standard handbook for both the beginner and professional rose grower. Only glowing terms can describe its page-after-page of helpful information on all phases of rose culture. New additions include a complete guide to pesticides, a complete guide to rose identification and culture. 170 pages - \$ 3.75.

#121 - CORSAGE CRAFT New Second Edition by Glad Reusch and Mary Noble. An extension of the most popular and complete book on corsage making. This striking volume has lovely new corsages illustrated. There's a new chapter on Corsage Shows including judging and point scoring and a host of new ideas using flowers as costume adornments. Materials need only be simple garden flowers or the rarer varieties...all are covered by the easy-to-follow directions. 165 pages illustrated - \$4.95.

#122 - CHINESE FLOWER ARRANGEMENT by H. L. Li. Chinese floral art, with all its gaiety, color, and delightful symbolism, is fascinatingly described in this revised and enlarged edition of the only book in the western language on Chinese arrangement. Much new and valuable information and many new photographs have been added, including practical suggestions for application of traditional methods to the modern home. 224 pages - 47 photos and drawings, \$6.50.

#123 - THE AZALEA BOOK by Frederick P. Lee. A complete, authoritative handbook of azalea culture, beautifully illustrated in color and black and white photographs. Gives tested methods of selection, planting and cultivation -- history, lists of species and hybrid groups. 320 pages illustrated \$8.95.

#124 - 1001 AFRICAN VIOLET QUESTIONS ANSWERED BY TWELVE EXPERTS edited by Helen van Pelt Wilson. Answers to actual questions covering every phase of successful culture of this most popular of all house plants. 18 pages of how-to drawings. Soil formulas, methods of watering, propagation, hybridizing, growing under artificial lights, and 420 answers on troubles from pests, disease, or poor growing. 368 pages illustrated \$4.95.

#125 - PLANTS INDOORS by Mary Noble and J. L. Merkel. New and unusual plants; new ways to use plants as stunning decorative accessories in the home. You'll find suggestions for choosing plants for special conditions of light, darkness, dry and moist areas. "The illustrations alone are sufficient reason to buy the book." Popular Gardening 229 pages illustrated \$6.95.

#126 - HOME ORCHID GROWING - 2nd Edition by Rebecca Northen. This exciting book opens the door for the home gardener to experiment with the exciting new world of orchid growing. Learn about rare exotics, hybridizing, raising orchids for profit or pleasure. More complete and up to date than previous edition. 320 pages \$10.95.

ALL BOOKS SHIPPED PREPAID

#127 - ORCHIDS AS HOUSE PLANTS - by Rebecca Northen. Add glamour to your gardening by using this book as your guide to the culture of this fabulous flower. Learn how it can be grown at low cost. Learn how many varieties from large cattleyas to small cymbidiums can be successfully grown in warm or cool rooms, in sunlight or deep shade. 127 pages color plates \$3.50.

#128 - CACTUS GUIDE by Ladislaus Cutak . One of the most interesting plants of the world is the subject of an encyclopedic-like coverage by the horticulturist in charge of the great cactus collection at Missouri's Botanical Garden. You'll find tips on culture, identification, as well as recommended varieties that are most rewarding for home culture. 150 pages-illustrated-\$3.95.

#129 - GARDEN ENEMIES by Cynthia Westcott. A home gardener's helpful handbook for diagnosing symptoms of plant pests and diseases found on shrubs, flowers, trees, and vegetables. Easy to use for instant recognition and effective control. Cynthia Westcott, "The Plant Doctor," teaches you the easy way to spray and save your gardens. 240 pages - \$3.75.

#130 - MINIATURE GARDENS by Anne Ashberry - The first and only book dealing with designing, constructing and maintaining English gardens in miniature. "A beginner's guide to a unique and rewarding pastime with plants." House Beautiful . 120 pages illustrated \$4.95.

#131 - BONSAI: MINIATURE TREES by Claude Chidamian . Miniature trees, treasured for generations in the Orient can now be grown by gardeners everywhere with the help of this delightful book. An international authority on miniature trees gives simple step-by-step directions on every phase of this decorative horticultural specialty. Profusely illustrated. "Doctors would do well to prescribe Bonsai in this neurotic era. A miniature tree is less expensive and more enduring than miracle drugs -- a joy to come home to and not too time-consuming." Horticulture Magazine
101 pages . - drawings and photos - \$3.95.

#132 - YOUR LAWN - How to Make It and Keep It by Dr. Milton Carleton
Much of the information in this book was unknown as recently as 10 years ago! Dr. Carleton brings up-to-the-minute information on all phases of making and keeping a lawn beautiful, durable with a minimum of time and expense. Here at last are all the answers to your lawn questions packed between two green covers. 160 pages illustrated \$3.95.

#133 - GARDEN POOLS, WATER LILIES AND GOLDFISH by G. L. Thomas, Jr.
A unique book giving complete directions on placing, building and installing a garden pool whether it is formal, informal, concrete, tub or prefabricated. It includes instructions on stocking a natural pond, water lilies, lotus, and other lovely aquatics; selecting and caring for goldfish in pools and aquariums. 16 color pages - 39 black and white photos plus drawings - 320 pages - \$5.95.

#135 - PLANT DISEASE HANDBOOK by Cynthia Westcott - 764 pages \$10.00

#136 - PLANT DOCTORING IS FUN by Cynthia Westcott - 280 pages \$ 4.50

#137 - TAYLOR'S COMPLETE-IN-ONE-VOLUME GARDEN GUIDE - by Norman Taylor -
509 valuable pages, Color plates , \$5.95

ALL BOOKS SHIPPED PREPAID

#140 - BURRAGE ON VEGETABLES by Albert C. Burrage - "Connoisseurs of vegetables will be delighted with Albert C. Burrage's BURRAGE ON VEGETABLES published by Van Nostrand." New York Times 208 pages -illustrated -\$4.75.

#141 - GARDENING IN A SMALL GREENHOUSE by Mary Noble and J. L. Merkle "Taylor-made for those who have greenhouses or those who want greenhouses". ... "The easy readable style is enough to whet the appetite of all enthusiastic growers." New York Times 249 pages illustrated \$4.95.

#142 - HOW TO MAKE MONEY FROM YOUR HOME GREENHOUSE by Peggie Schulz "A successful home grower tells all her trade secrets in this fact-crammed profusely illustrated book. Detailed advice on pricing, marketing, mail-order ads, record-keeping, culture suggestions for many money-making plants not widely grown." Cleveland Plain Dealer 340 pages - 87 black and white photographs \$5.95.

#143 - ROSES FOR PLEASURE by Richard Thomson and Helen van Pelt Wilson - Two rose fanciers speak with the authority of two home gardeners who for years have successfully cultivated all kinds of roses. "...instruction in culture, kinds and judging of roses is here, quite complete and easy-to-follow -- lists and index are gratifyingly exact..." Garden Club of America Bulletin 217 pages Color illustrations \$5.95.

#144 - OLD ROSES FOR MODERN GARDENS by Richard Thompson - Hundreds of distinguished old roses that have stood the test of time and that bloom luxuriantly today -- with a minimum of care -- in gardens, among shrubs, or as specimen plants. "The book is the best I've seen on the subject -- the author is well-qualified to expound on the subject." Indianapolis Star 26 color photographs - 16 black and white photos - \$ 7.50 .

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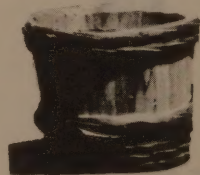
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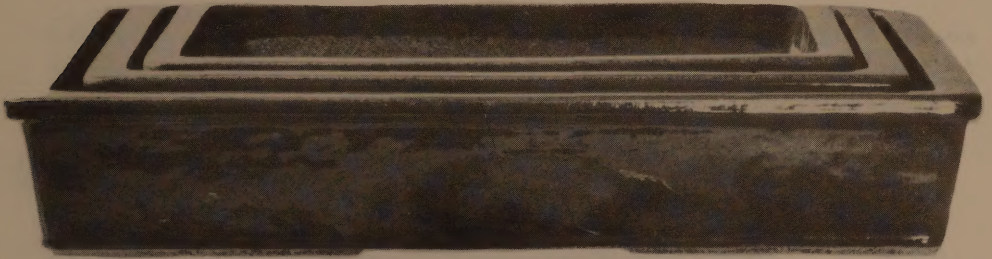
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No. 201 – OVAL CURVE POT – Glossy exterior, set of three. Large $5\frac{1}{4} \times 4\frac{3}{8} \times 2$. Medium $5\frac{5}{8} \times 3\frac{3}{4} \times 2$. Small $4 \times 3\frac{1}{8} \times 2$. Price \$2.10 per set.



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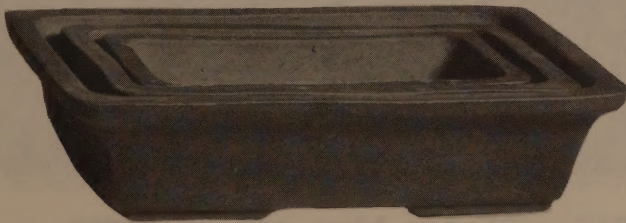
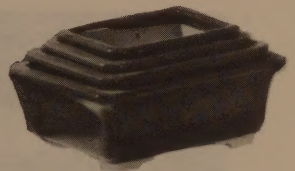
No. 203 – IMPERIAL SET – For those who have arrived. Glossy exterior, set of three (very heavy). Large $24 \times 15\frac{1}{2} \times 3\frac{3}{4}$. Medium $20\frac{1}{4} \times 13 \times 2\frac{3}{4}$. Small $17\frac{3}{4} \times 10\frac{3}{4} \times 2\frac{1}{4}$. Price \$60.00 per set.



No. 204 – DELUXE LOWBOY SET – High class set for certain types of plantings. Heavy, glossy exterior. Large $12 \times 8\frac{1}{4} \times 2\frac{5}{8}$. Medium $10\frac{1}{2} \times 6\frac{3}{4} \times 2\frac{1}{8}$. Small $9 \times 5\frac{1}{4} \times 1\frac{7}{8}$. Price \$19.50 per set.



No. 205 – STANDARD OBLONG SET – Attractive glossy exterior type. Four in set. Large $5\frac{1}{2} \times 4\frac{1}{2} \times 2\frac{1}{8}$. Medium $5 \times 3\frac{7}{8} \times 1\frac{3}{4}$. Small $4\frac{1}{4} \times 3\frac{1}{4} \times 1\frac{5}{8}$. Baby $3\frac{7}{8} \times 2\frac{7}{8} \times 1\frac{1}{2}$. Price \$2.50 set.



No. 206 – RED CLAY OBLONG – Dull brown or rust colored, set of three. Large $6 \times 8\frac{1}{2} \times 2$. Medium $4\frac{3}{4} \times 7 \times 1\frac{1}{2}$. Small $3\frac{3}{4} \times 6 \times 1$. Price \$4.00 per set.



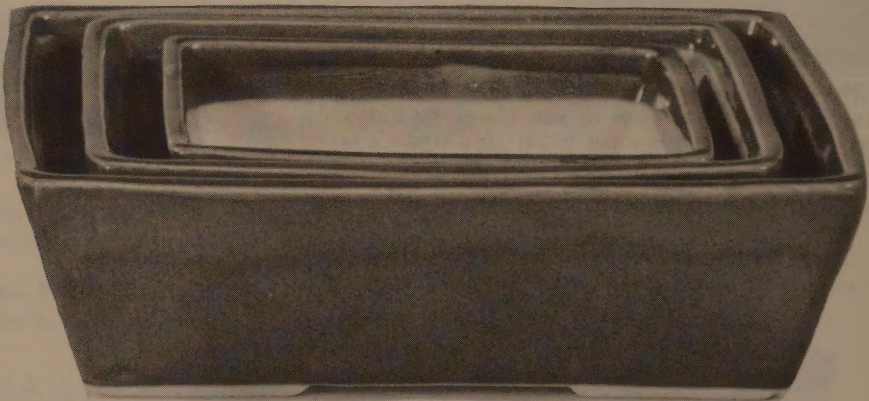
No. 207 - STANDARD ROUND SET. Set of four with glossy exterior. Large $5\frac{5}{8} \times 3\frac{1}{8}$. Medium $4\frac{3}{4} \times 2\frac{5}{8}$. Small $3\frac{7}{8} \times 2\frac{1}{4}$. Baby $3\frac{1}{8} \times 2$. Price \$2.50 per set.

No. 208 - OCTAGONAL LUXURY POTS. Outstanding set of three. Large $9 \times 3\frac{3}{8}$. Medium $7\frac{7}{8} \times 2\frac{3}{4}$. Small $6\frac{7}{8} \times 2\frac{3}{8}$. Price \$16.00 per set.



No. 209 - INSCRIBED SHIGERAKI POTS. Dull terra cotta with inscriptions. Large 6×3 . Medium $5 \times 2\frac{3}{4}$. Small $4 \times 2\frac{1}{2}$. Baby $3 \times 2\frac{1}{4}$. Price \$4.50 per set.

No. 210 - RED CLAY OVAL. Dull brown or rust colored set of three. Large $8\frac{3}{4} \times 6 \times 2$. Medium $7\frac{1}{2} \times 4\frac{3}{4} \times 1\frac{1}{2}$. Small $6\frac{1}{4} \times 3\frac{5}{8} \times 1$. Price \$4.00 per set.



#219 - Glossy blue set of three.
 $5\frac{1}{4} \times 7\frac{1}{4} \times 2$, $4\frac{1}{2} \times 6 \times 1\frac{1}{2}$,
 $3\frac{1}{2} \times 4\text{-}3\frac{3}{4} \times 1$. \$4.00 per set.



#220 - Cylindrical indoor pot without hole. Glossy black ceramic. $9\frac{1}{2} \times 9\frac{1}{2}$. \$7.75 each.

#221 - Round indoor pot without hole. Glossy black ceramic. $12\frac{1}{2} \times 9$. \$12.50 each.



#222 - Tall bonsai set of 4. Striped tan to brown color. 8×6 , $7 \times 5\frac{1}{2}$, $6\frac{1}{2} \times 5$, $5 \times 4\frac{1}{2}$. \$6.00 per set.

#223 - Plum Blossom set with saucers. $5\frac{1}{2} \times 3$, $4\frac{1}{4} \times 2\frac{1}{2}$, $3\frac{1}{4} \times 2\frac{1}{4}$. \$7.50 per set.





#224 - Oval indoor pot without hole. $9\frac{1}{2} \times 9\frac{1}{4}$. Glossy black. \$8.00 each.



#225 - Glossy light blue set of three. 6×3 , $4\text{-}3/4 \times 2\frac{1}{2}$, $3\frac{1}{2} \times 2$. \$4.75 per set.



#226 - Dark Grey to black color, set of three. 6×3 , $4\text{-}3/4 \times 2\frac{1}{2}$, $3\frac{1}{2} \times 2$. All about 2 inches deep. \$4.75 per set.

OUR OWN BRAND - AMERICAN MADE BONSAI POTS

High quality red clay - best prices.

No. 211 - STANDARD DEPTH - 4 inches across inside, heavy red clay - 25¢ each.

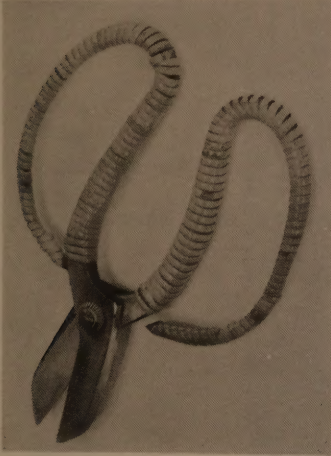
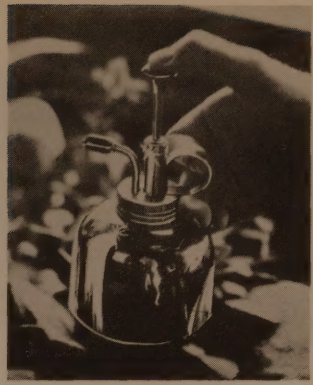


BONSAI FANCIERS AND FLOWER ARRANGERS TABLE

No. 213 - A piece of high class furniture. Revolving lazy susan on solidly built cabinet. About 16 inches wide and made by some of New Jersey's finest furniture makers. Solid brass hooks, three coat hand rubbed finish. Made of northern white pine. Your choice of light fruitwood, dark fruitwood, or honey maple finish. Price \$27.50.

All items on this page shipped F.O.B., Saddle River, N.J.

No. 214 – FOAMIZER – Handy metal imported sprayer. Gives leaves a bath, can dispense liquid fertilizer, freshens entire plant. **\$2.25 each.**



No. 215 – HEAVY DUTY SHEARS – Made of stainless steel. Cuts clean and easy, rattan handles. 6 inches long, gift boxed. Only **\$1.50.**

No. 216 – GREEN THUMB KIT
– Every bonsai fancier should have it. Three 7 inch stainless steel tools with bamboo handles and bamboo holder. **\$2.00 per set.**



No. 217 – POT TENDER – One tool with bamboo stand. Has small spade and rake made of solid brass, with bamboo handle. **\$1.50 each.**

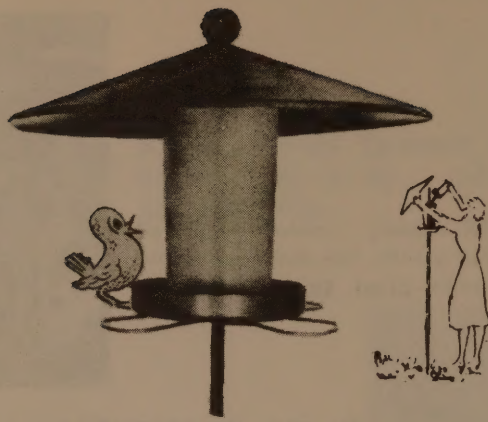
No. 198 – ORGANIC POTTING SOIL – Our own mix. No chemicals, light, fluffy, everyone has asked me to sell it. 3/4 peck **\$1.00.**

No. 220 – TREE TANGLEFOOT – Some folks just don't like to spray with insecticides and this old favorite is fine for their purposes. Makes a sticky barrier to protect against crawling and creeping insects.

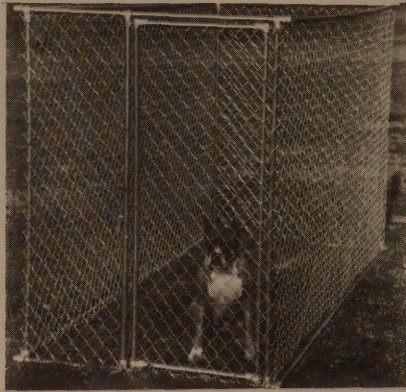
No. 220A – 12 ounce Aerosol – \$1.95

No. 220B – 1 lb can – \$1.50

No. 221 – COMPOST ACTIVATOR – Make rich compost in a short time from garden and kitchen wastes. 1½ lb. package – **\$1.00.**



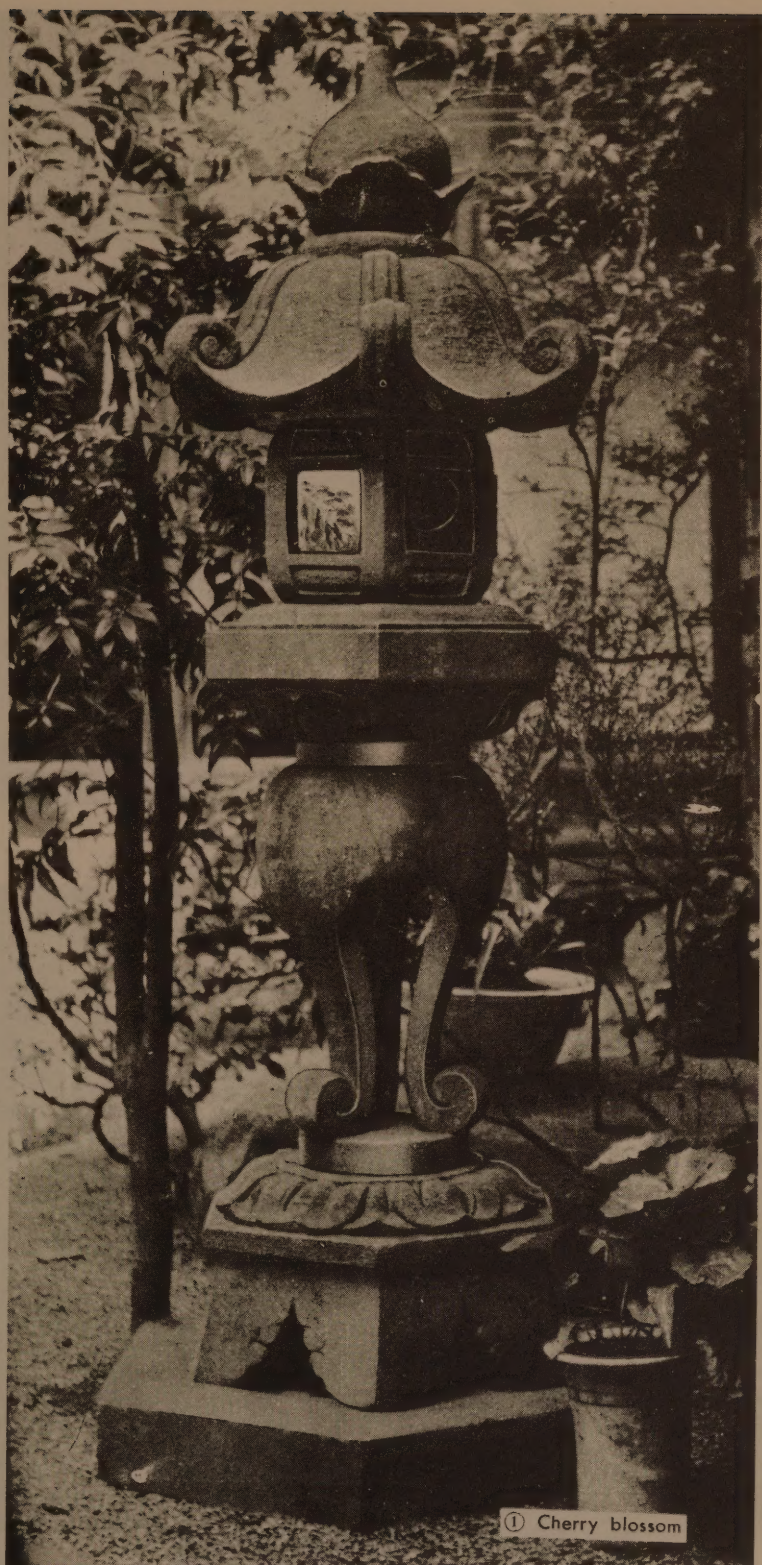
No. 222 - STEEL POST BIRD FEEDER - Strong, easy to operate, economical bird feeder. Comes with 6 foot black steel post, can be placed anywhere in ground easily. All steel except for thick plastic hopper. Even a child can set it up and maintain it. \$4.60 each. Shipping weight $4\frac{1}{4}$ lbs.



No. 223 - FOR KIDS AND DOGS - Honest!! If your community forbids dogs running loose or if your wife forbids kids running loose, we can think of no better solution than this crash-proof fence made of heavy 11 gauge galvanized steel link with 1-1/16 inch galvanized pipe. Gate includes dog proof lock but I don't guarantee this for your children. Comes complete with instructions and ample fasteners. Measures 10 feet long, 4 feet wide, 5 feet high. Shipping weight 122 lbs. Price \$55.00 F. O. B. Avon, Illinois. Price does not include dog.

ORIENTAL
出雲
石燈籠

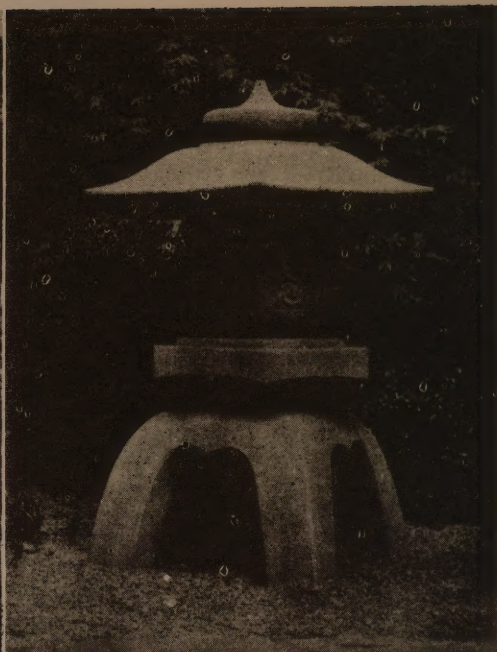
STONE · LANTERNS



All items on this page shipped F.O.B., Saddle River, N.J.



⑨ Lily

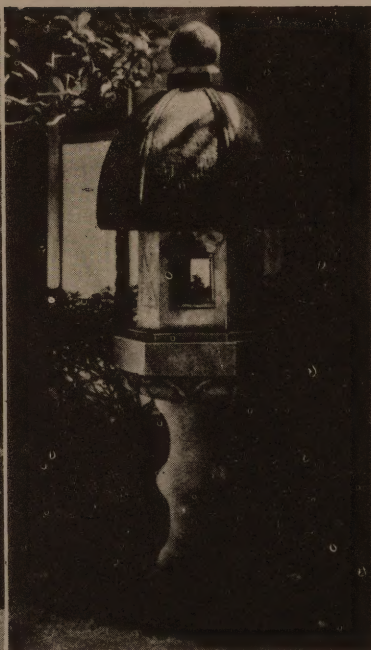
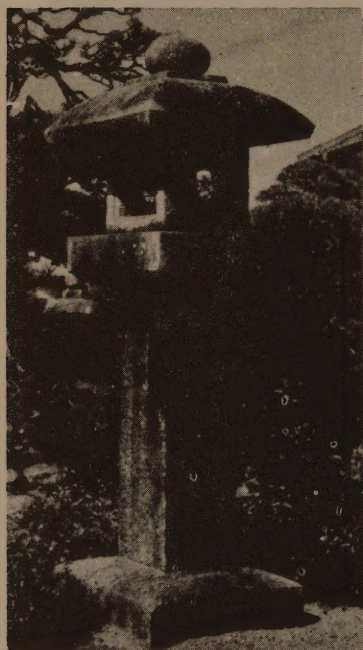


⑩ Narcissus

⑭ Dogwood

⑮ Carnation

⑯ Gladiolus





⑤ Magnolia

⑥ Poppy

⑦ Tulip

⑧ Rose





⑪ Sunflower

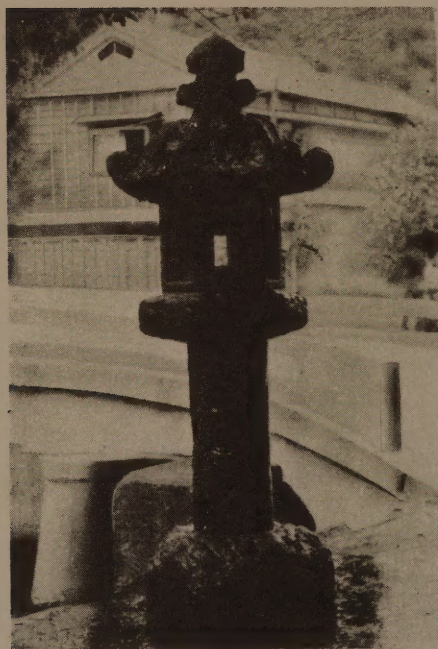


⑫ Buttercup



⑬ Columbine

⑰ Apple blossom



⑱ Larkspur



ABOUT "IZUMO " STONE LANTERNS.....

For over three centuries, stone lanterns have been one of the most prominent features of oriental landscape design. Today, fine quality lanterns are still adding grace and elegance to garden settings. These "Izumo " stone lanterns are made with traditional skills which date back to 1603. Each lantern is entirely hand cut from solid stone. Only a special quality grey stone found in the Kimochi district of Japan is used. This stone blends the lantern in the garden as only natural stone can.

"Izumo" stone lanterns are entirely weather resistant. Unlike artificial materials, they actually improve outdoors with weathering and age.



Japanese teahouse and garden



② Peony



③ Iris



④ Chrysanthemum

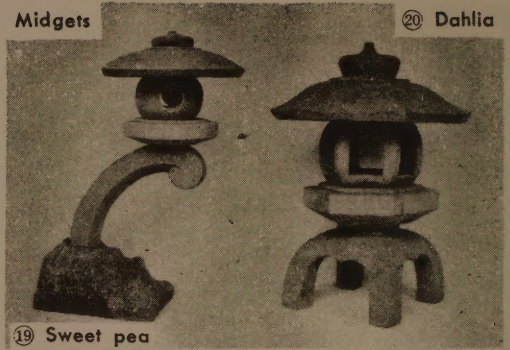
These lanterns come in a wide range of sizes. Many of the smaller sizes, including the "midgets" (only 7 inches tall) are used indoors. The fine grey color, stone texture and oriental shapes add a new dimension of boldness to interior design.

Many animal shapes including the fox, badger, toad, etc. may be specially ordered. Stone basins and bird baths also available.

If desired, lanterns may be ordered drilled through the core for electrical wiring and illumination.

Midgets

20 Dahlia



19 Sweet pea



21 Hare



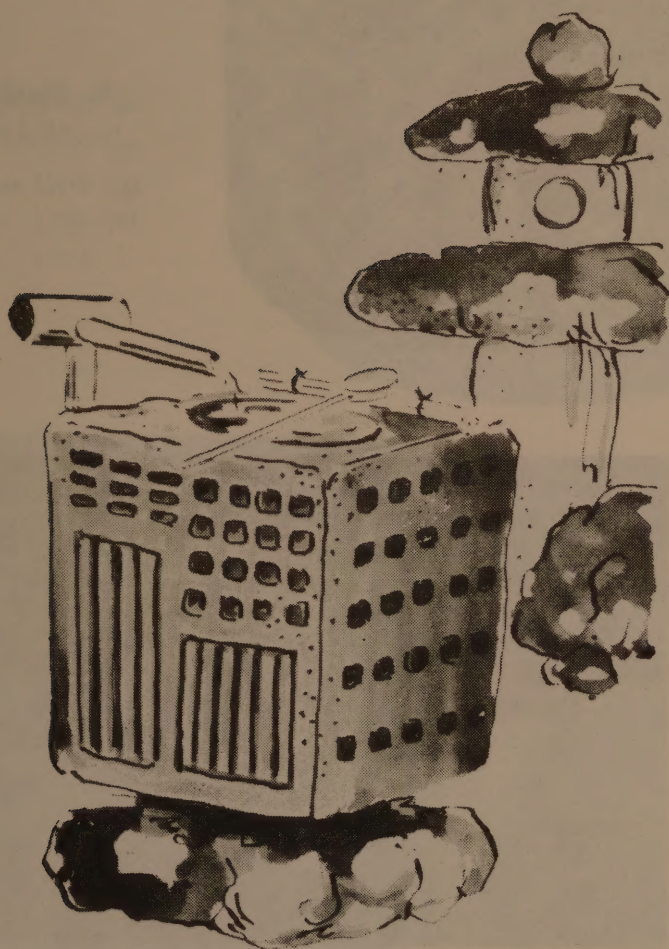
22 Lions



23 Goldenrod

ORIENTAL STONE BASIN

出雲石水鉢



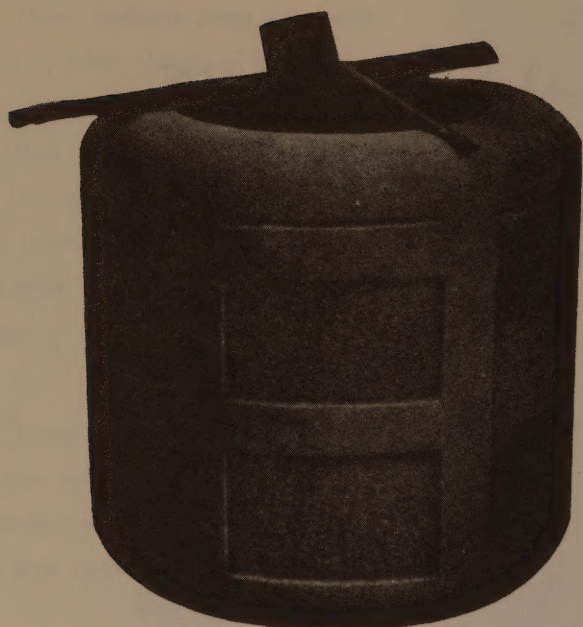
袈裟形水鉢

No. ISB-1 Kesa type

Size: (L) 18" x 18" x 21 $\frac{1}{2}$ " high

(M) 14" x 14" x 17" //

(S) 12" x 12" x 14" //



丸袈裟形水鉢

No. ISB-2 Marukesa type

(L) 21½" diam. x 17" high.

(M) 18" " x 12" "



菊形水鉢

No. ISB-3 Kiku type

(L) 24" diam. x 17" high.

(M) 19" " x 14" "

(S) 14" " x 9½" "

十二稜形水鉢

No. ISB-4 Jyuniryo type

(L) 24" diam. x 12" high

(M) 21½" " x 9½" "

(S) 19" " x 9½" "



夏目形水鉢

No. ISB-5 Natsume type

(L) 21" diam. x 21½" high.

(M) 19" " x 19" "

(S) 17" " x 17" "

大徳寺型水鉢

No. ISB-6 Daitokuji type

(L) 24" diam. x 12" high.

(M) 21½" " x 10½" "

(S) 19" " x 9½" "



IMPORTED POTTERY LANTERNS

Made of weather resistant fine earth-tone pottery. Our entire first order sold out immediately without advertising. Several of these have been put in some of the east's outstanding gardens. Order early to avoid disappointment. Shipped insured in lightest packing possible.



DAIGAKU TYPE

#234 14" high, 12" wide
\$25 F.O.B. Saddle River

#235 16" high, 16" wide
\$29 F.O.B. Saddle River



RIPPA-NA TYPE

#236 15" high, 12" wide
\$30. F.O.B. Saddle River

#237 18" high, 16" wide
\$43.00 F.O.B. Saddle River

PRICE LIST* - IZUMO STONE LANTERNS

TALL TYPES

Ht. in Feet	Model #1	Model #2	Model #3, 4, 6, 9, 12, 13, 14, 15, 16, 17	Model #5 & 18	Model #23 & 24
3'	\$120. 130 lbs.			\$140. 280 lbs.	\$115. 180 lbs.
3.5'	\$160. 210 lbs.	\$130. 180 lbs.	\$ 95. 180 lbs.	\$170. 370 lbs.	\$135. 240 lbs.
4'	\$175. 280 lbs.	\$140. 340 lbs.	\$125. 240 lbs.	\$220. 510 lbs.	\$153. 320 lbs.
4.5'	\$200. 350 lbs.	\$175. 620 lbs.	\$150. 320 lbs.	\$240. 670 lbs.	\$160. 380 lbs.
5'	\$225. 430 lbs.	\$190. 880 lbs.	\$180. 380 lbs.	\$260. 900 lbs.	\$215. 500 lbs.
5.5'	\$270. 550 lbs.		\$195. 600 lbs.	\$300. 990 lbs.	\$235. 600 lbs.
6'	\$328. 1,000 lbs.		\$250. 800 lbs.	\$345. 1,100 lbs.	\$315. 900 lbs.
7'	\$470. 1,700 lbs.		\$370. 1,400 lbs.	\$470. 1,300 lbs.	
8'	\$600. 2,400 lbs.		\$490. 1,500 lbs.	\$610. 1,600 lbs.	
9'			\$610. 2,300 lbs.	\$830. 1,700 lbs.	
10'			\$880. 2,600 lbs.	\$1,050. 2,900 lbs.	

LOW TYPES

Model Number	Height in Feet 2.3'	2.8'	3.2'	4'	4.5'	5'
7, 10 & 20	\$125. 270 lbs.	\$170. 380 lbs.	\$225. 425 lbs.	\$390. 1,100 lbs.	\$540. 1,420 lbs.	\$740. 1,800 lbs.
11 & 19	\$116. 150 lbs.	\$156. 200 lbs.	\$196. 370 lbs.	\$246. 470 lbs.	\$286. 600 lbs.	\$326. 900 lbs.

ANIMALS (ALL TYPES)

Model Number	Height in Inches 12"	14-1/4"	17-7/8"	23-7/8"	29-3/4"	35-3/4"
21	\$50. 35 lbs.	\$65. 65 lbs.	\$85. 120 lbs.	\$115. 160 lbs.	\$195. 250 lbs.	\$295. 350 lbs.
22 Lions price per pair weight lbs. each	\$115. 75 lbs.	\$150. 120 lbs.	\$215. 250 lbs.	\$270. 400 lbs.	\$425. 555 lbs.	\$620. 750 lbs.

STONE BASINS[#]

Model Number	Size S	Size M	Size L
15B-1			
15B-5	\$68.	\$85.	\$145.
15B-2	See Dimensions in catalog	\$95.	\$145.
15B-3	\$58.	\$75.	\$135.
15B-4	\$85.	\$115.	\$175.
15B-6			

* All prices F.O.B., Port of New York (F.O.B., Seattle or Los Angeles for West Coast customers). Door-to-door truck delivery very reasonable for carved natural stone (est. less than 10% cost of lanterns within 1,000 miles of port) exact freight charges on request.

All lanterns drilled for electrical wiring, packaged and crated at no extra charge.

TERMS: Minimum 50% deposit with order, balance due after delivery and your inspection. We assume all risk for safe delivery.

NOW

ATTRACTIVE • NEW • SPACE SAVER

PLANT DISPLAY STANDS

- * RUST-PROOF PLASTIC TRAYS
- * FLUORESCENT LIGHTS

The advantages of growing under fluorescent lights has been reported by many gardening magazines and experts. With fluorescent lights, there are no dark days. Plants get steady, consistent "Sunshine" producing far more blooms that last longer and look healthier. If you have had little or no luck getting blooms on your favorite plants, no matter what specie, here's the answer.

CENTRALIZE PLANTS—Now you can centralize your indoor gardening in any room and enhance its atmosphere and beauty. Note the clean, open lines—the soft neutral colors. Useful and practical, they are strong but lightweight enough for a child to move. (If you wish, you can buy caster wheels at your hardware store and fit them to the stand easily.)

RUST-PROOF TRAYS—The attractive trays are made of rugged high-impact plastic with a marble-like sheen. Leakproof, they supply consistent moisture to your plants without ever rotting or rusting. Instantly removable for easy, waist-high attention, or for cleaning or sterilizing. And they never lose their color (medium grey or light green).

FLUORESCENT LIGHTS—We manufacture the finest fluorescent fixtures. Not commercial lights, but specially designed for plant growth and culture. Hammer-tone grey enamel with white enamel underside for maximum reflection. Each light adjusts up and down for optimum distance from plant foliage. To support a light over the top trays of any Space-Saver Stand (all 5 models), we supply a bracket at no extra cost.

LOW COST—Heretofore, fluorescent floral stands cost from \$125 to \$150, with high shipping costs, due to weight. And these heavy, unattractive stands have galvanized steel trays that rust out in a few years. The beautiful 8 Tray Sunlighter, completely equipped with 4 fluorescent light fixtures is only \$70. (You may order any number of lights—none, 1, 2, 3 or 4, for whichever tray level you wish.) The 2 Tray Evergreen Stand with 1 light costs \$16.90, complete.

All SpaceSaver Stands are covered by a full refund guarantee.

SPACE-SAVER STANDS ARE AN
INVESTMENT THAT PAY THEIR
WAY YEAR AFTER YEAR

GL7

HOLDS
288
POTTED
PLANTS



55" HIGH x 24" LONG x 27" DEEP

SUNLIGHTER

EIGHT TRAY WITH FLUORESCENT LIGHT

GL8



SUNLIGHTER

TWO TRAY

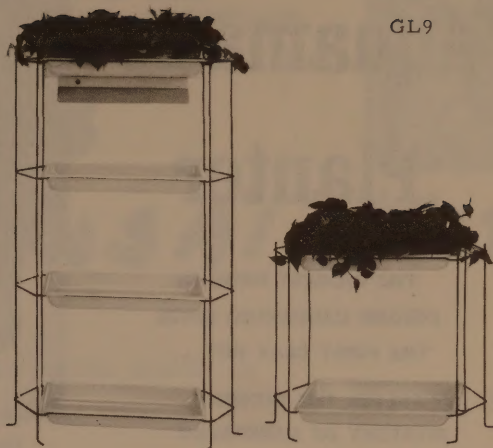
GL10



SUNLIGHTER

FOUR TRAY

GL9



Black iron columns with light green trays make EVERGREEN an attractive plant display stand for office, home or commercial use. EVERGREEN uses a Geodesic columnar design to provide a strong, rigid, stable base for support of removable trays. Stands are sectional and come apart for easy storage when not in use. Fluorescent lights optional.

SPECIFICATIONS

SUNLIGHTER

Unit	Size	Capacity	Shipping Wt.	Retail List
8 tray	55" high x 24" long x 27" deep	16 sq. ft.	28 lbs.	\$34.95
4 tray	55" high x 24" long x 14" deep	8 sq. ft.	20 lbs.	21.95
2 tray	30" high x 24" long x 14" deep	4 sq. ft.	10 lbs.	9.95

EVERGREEN

Unit	Size	Capacity	Shipping Wt.	Retail List
4 tray	53" high x 30" long x 14" deep	8 sq. ft.	13 lbs.	\$17.95
2 tray	30" high x 30" long x 14" deep	4 sq. ft.	9 lbs.	7.95
FLUORESCENT LIGHTS: 15 watt single tube		6 lbs.	\$ 8.95	
30 watt with 2 tubes		8 lbs.	12.95	

CAPACITIES OF PLANT STANDS USING PLASTIC POTS

SUNLIGHTER AND EVERGREEN MODELS

	2 1/2" Pot	3" Pot	3 1/2" Pot	4" Pot
8 Tray Sunlighter	288	168	144	88
4 Tray	144	84	72	44
2 Tray	72	42	36	22

AUTOMATIC TIMER for use with fluorescent lights—turns up to 25 lights on and off automatically at any hour or time interval you set. Retail list, \$9.95.



GROWERS SUPPLY COMPANY

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New Aquamatic Planter

**THE BIGGEST NEWS IN
INDOOR GARDENING SINCE
THE FIRST CLAY POT...**

**SOLVES THE BIGGEST
MYSTERY OF GARDENING**

**NOW ENJOY FLOWER SHOW
RESULTS—RIGHT IN YOUR OWN HOME!**



Beautiful Chippewa African violet—thriving in the AQUAMATIC because the right amount of water is supplied—the plant makes the decision. No drying out—positive moisture control.

The big news in indoor gardening is the simple but revolutionary Aquamatic Flower Pot that contains, within its walls, about a 30-day supply of water. The AQUAMATIC SOLVES THE BIGGEST MYSTERY OF GARDENING—how much or how little water is required by each particular plant and—SOLVES THE MYSTERY AUTOMATICALLY.

The AQUAMATIC is the *only* pot that actually allows the plant to make the decision on exactly how much water it needs and supplies this need automatically. Since the plant calls for only the exact amount of water to satisfy its specific needs, the water supply will vary depending on the type and size of your plant, and the season of the year. In some cases the water supply will last six weeks.

This automatic watering method is the result of a unique patent-protected watering device—scientifically designed and hand assembled. It's built into the base of the pot and is vacuum controlled. It allows the plant to draw its own supply of water through capillary action.

The Aquamatic is the result of 5 years of extensive research to develop a perfect watering system. Scientifically controlled experiments on all types and varieties of plants were conducted, with the Aquamatic plants demonstrating marked superiority over conventionally watered plants.

Horticultural experts at leading universities have studied and approved the Aquamatic.

- *Enjoy fun and success even with the most delicate flowers. The Aquamatic's automatic watering system insures sturdier, healthier plants. Plants that will reach complete fertility and luxuriant growth.*

Too much or too little watering can weaken, stunt and even kill plants. Many plants will never mature or bloom without exact moisture control.



ADD WATER ONLY ONCE A MONTH

Reservoir in side walls holds 30-day water supply. No more worry about plants when away from home. No more bothering neighbors.

- *Enjoy the benefits of Aquamatic's controlled watering—carefree vacations, weekend trips. You'll never have to call on friends or relatives to tend your plants.*

ALL ORDERS SHIPPED POSTPAID

**Only \$1.00
POSTPAID**

TRANSLUCENT MARBLE: ☐ Green. ☐ Yellow ☐ Blue ☐ White
OPAQUE: ☐ Bronze ☐ Pink ☐ White ☐ Yellow ☐ Dk. Marble

THE PERFECT GIFT
SHIPPED IMMEDIATELY ON RECEIPT OF YOUR ORDER
OR IN TIME FOR BIRTHDAY, MOTHER'S DAY, ANNIVERSARY,
OR CHRISTMAS. WE WILL INCLUDE A GIFT CARD IF
REQUESTED.



BEGINNERS BONSAI KIT

SAFE DELIVERY TO ANY POINT IN THE UNITED STATES OR

CANADA ABSOLUTELY GUARANTEED

No. 225

INCLUDES

ONE RARE PLANT

POTTED IN A SPECIAL ORGANICALLY
ENRICHED MIXTURE IN

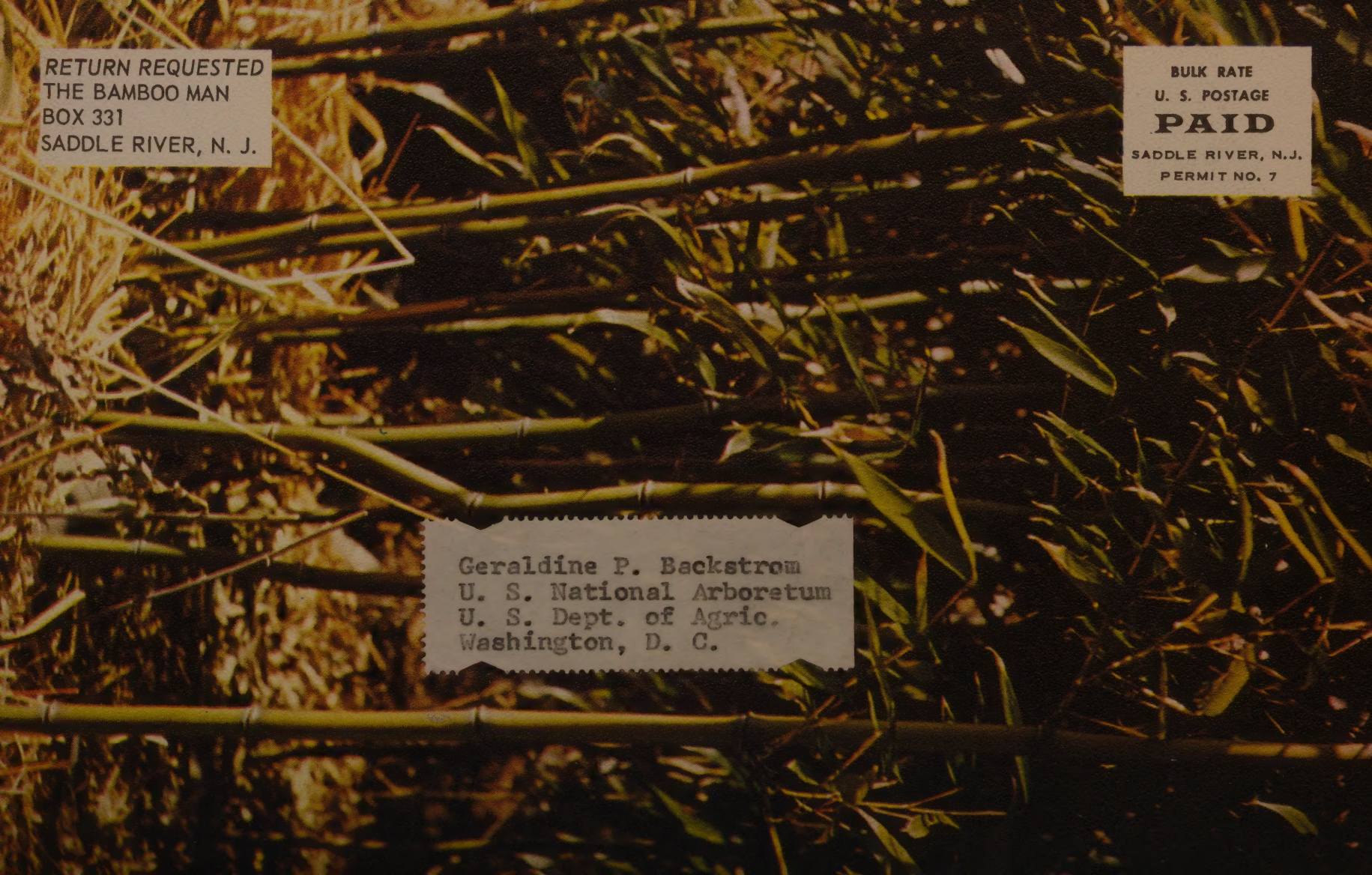
A SPECIAL BONSAI POT

PLUS
AN



ILLUSTRATED BONSAI MANUAL

SENT PREPAID-\$5.00



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U. S. Dept. of Agric.
Washington, D. C.